

P	A	S	G	
<u>L</u> P G FL SEQ ID 13	<u>L</u> A G FL SEQ ID 9	<u>L</u> S G FL SEQ ID 16	<u>L</u> G G FL SEQ ID 7	L
<u>F</u> P G FL SEQ ID 19	<u>F</u> A G FL SEQ ID 10	<u>F</u> S G FL SEQ ID 17	<u>F</u> G G FL SEQ ID 8	F
<u>W</u> P G FL SEQ ID 14	<u>W</u> A G FL SEQ ID 15	<u>W</u> S G FL SEQ ID 18	<u>W</u> G G FL SEQ ID 11	W
<u>Y</u> P G FL SEQ ID 12	<u>Y</u> A G FL SEQ ID 5	<u>Y</u> S G FL SEQ ID 6	<u>Y</u> G G FL SEQ ID 1	Y

L SET

FIGURE 22A

P	a	s	G	
<u>Y</u> p G FL SEQ ID 22	<u>Y</u> a G FL SEQ ID 20	<u>Y</u> s G FL SEQ ID 21	<u>Y</u> G G FL SEQ ID 1	Y
<u>f</u> p G FL SEQ ID 28	<u>f</u> a G FL SEQ ID 25	<u>f</u> s G FL SEQ ID 30	<u>f</u> G G FL SEQ ID 23	f
<u>w</u> p G FL SEQ ID 31	<u>w</u> a G FL SEQ ID 29	<u>w</u> s G FL SEQ ID 32	<u>w</u> G G FL SEQ ID 26	w
<u>y</u> p G FL SEQ ID 33	<u>y</u> a G FL SEQ ID 27	<u>y</u> s G FL SEQ ID 34	<u>y</u> G G FL SEQ ID 24	y

D SET

FIGURE 22B

P	A	S	G	
LPGFL SEQ ID 13	LAGFL SEQ ID 9	LSGFL SEQ ID 16	LGGL SEQ ID 7	L
FPGFL SEQ ID 19	FAGFL SEQ ID 10	FSGL SEQ ID 17	FGGL SEQ ID 8	F
WPGFL SEQ ID 14	WAGFL SEQ ID 15	WSGL SEQ ID 18	WGGL SEQ ID 11	W
YPGFL SEQ ID 12	YAGFL SEQ ID 5	YSGFL SEQ ID 6	YGGL SEQ ID 3	Y

L SET

FIGURE 22A

P	a	s	G	
YpGFL SEQ ID 23	YaGFL SEQ ID 20	YsGFL SEQ ID 21	YGGL SEQ ID 1	Y
fpGFL SEQ ID 28	faGFL SEQ ID 25	fsGFL SEQ ID 30	fgGFL SEQ ID 23	f
wpgGFL SEQ ID 31	waGFL SEQ ID 29	wsGFL SEQ ID 32	wgGFL SEQ ID 26	w
ypGFL SEQ ID 33	yaGFL SEQ ID 27	ysGFL SEQ ID 34	ygGFL SEQ ID 24	y

D SET

FIGURE 22B